

ASSIGNMENT 6

Textbook Assignment: "Galley and Laundry Equipment," chapter 5, pages 5-1 through 5-32.

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| <p>6-1. When supervising personnel, you should perform what duties other than just paying attention to operating instructions?</p> <ol style="list-style-type: none">1. Conduct periodic safety lectures2. Conduct periodic preventive maintenance inspections3. Adapt instructions to local requirements4. File periodic maintenance inspection reports | <p>6-5. What equipment is designed to cook food through a steaming process?</p> <ol style="list-style-type: none">1. Steam table2. Steam kettle3. Steam chest4. Steam pot |
| <p>6-2. What department is responsible for conducting sanitary inspections of the galley?</p> <ol style="list-style-type: none">1. Public works2. Camp maintenance3. Supply4. Medical | <p>6-6. When replacing the gaskets on a full-floating door, you must remove the door from the unit. This action allows for easier removal of the gasket and cleaning of the gasket channel.</p> <ol style="list-style-type: none">1. True2. False |
| <p>6-3. What are the two types of steam kettle "coppers"?</p> <ol style="list-style-type: none">1. Direct-steam and indirect-steam2. Indirect-steam and self-contained3. Self-contained and direct-steam4. Fixed-steam and field-steam | <p>6-7. You should place paper along the edge of the door opening when replacing gaskets on a steam chest door for which of the following reasons?</p> <ol style="list-style-type: none">1. To prevent excess cement from adhering to the mating surfaces2. To detect any gasket leaks3. To check for a binding door4. To prevent steam from escaping |
| <p>6-4. The maintenance schedules for coppers require inspections to be conducted at what time intervals?</p> <ol style="list-style-type: none">1. Weekly and monthly2. Weekly and quarterly3. Monthly and biannually4. Monthly and annually | <p>6-8. When the door of a steam chest is adjusted with hexagon-head bolts, the door should touch the steamer evenly without binding at the corners.</p> <ol style="list-style-type: none">1. True2. False |

- 6-9. Which of the following checks is not included in the monthly inspection of a steam table?
1. Check for leaks and corrosion
 2. Check the thermostat with a mercury thermometer
 3. Check the temperature control
 4. Check the steam pressure on the gauge
- 6-10. When the thermostat of a steam table is checked with a mercury thermometer, the thermostat must be accurate to within plus or minus
1. 6°F
 2. 7°F
 3. 5°F
 4. 4°F
- 6-11. After filling a domestic dishwasher with hot water and an approved cleaning solution, you should then operate the machine at high temperature for what length of time?
1. 10 minutes
 2. 20 minutes
 3. 30 minutes
 4. 40 minutes
- 6-12. After the first descaling and draining operation, you should rinse a domestic dishwasher several times for what length of time, in minutes?
1. 5
 2. 6
 3. 3
 4. 4
- 6-13. When selecting the grade and viscosity of the lubrication for a dishwasher, you should use what reference?
1. Fundamentals of Petroleum (NAVEDTRA 10883)
 2. Defense Standardization Manual (DOD 4120.3)
 3. Annual Book of ASTM Standards
 4. Manufacturer's instruction manual
- 6-14. Before lubricating a domestic dishwasher, you should take what precaution?
1. Obtain the correct lubricate
 2. Turn off the power
 3. Turn off the indicator dial
 4. Clean each component that is to be lubricated
- 6-15. The correct temperature for the wash water of a domestic dishwasher falls within what temperature range?
1. 115°F to 118°F
 2. 125°F to 128°F
 3. 138°F to 145°F
 4. 148°F to 155°F
- 6-16. You should use what type of solvent to remove rust from a domestic dishwasher?
1. Air-inhibited sulfuric acid
 2. Air-inhibited sulfamic acid
 3. Moisture-proof sulfuric acid
 4. Moisture-proof sulfamic acid

- 6-17. When cleaning the interior surfaces of a dishwasher, you should NEVER use
1. air-inhibited sulfamic acids
 2. steel wool
 3. abrasive cleaners
 4. a wire brush
- 6-18. Which of the following dishwasher inspections is NOT required monthly?
1. Checking the piping system for faults
 2. Checking electrical components for proper operation
 3. Checking the pumps and impellers for corrosion or extreme wear
 4. Checking the drive V-belt tension and alignment
- 6-19. What is the last step in the annual inspection and maintenance of a dishwasher?
1. Disassemble, repair, and replace bad components
 2. Operate the machine through all settings
 3. Tag the machine with inspection data
 4. Record the inspection data on a DD 1348
- 6-20. When the air-oil mixture of a range is correct, the flame should be what color?
1. Orange
 2. Blue
 3. Red
 4. Yellow
- 6-21. You should perform what test to determine the proper fuel-air mixture?
1. Carbon dioxide test
 2. Hydrostatic test
 3. Air flow analysis
 4. Flue-gas analysis
- 6-22. Range equipment should be entirely repainted when bare spots account for more than what percentage of the total surface area?
1. 10%
 2. 12%
 3. 15%
 4. 20%
- 6-23. A range thermostat should be precise to within how many degrees Fahrenheit?
1. 1°F
 2. 2°F
 3. 3°F
 4. 5°F
- 6-24. You should service or perform preventive maintenance on a field range quarterly or after what total number of operating hours?
1. 150
 2. 200
 3. 250
 4. 300
- 6-25. You should perform which of the following tasks each week on bakery ovens?
1. Clean the pilot
 2. Adjust loose chains
 3. Lubricate gearboxes
 4. Repair cracked walls

6-26. You should conduct electrical checks on bakery ovens at what time intervals?

1. Annually
2. Quarterly
3. Monthly
4. Weekly

6-27. Grease traps should be cleaned at what time intervals?

1. Daily
2. Weekly
3. Biweekly
4. Monthly

6-28. Accumulated odor-forming solids in grease traps soon cause what type of action?

1. Aseptic
2. Organic
3. Septic
4. Inorganic

6-29. Liquids should be removed from grease traps at what interval?

1. Monthly
2. Quarterly
3. Semiannually
4. Annually

6-30. A total of how many units make up a complete laundry unit?

1. One
2. Two
3. Three
4. Four

6-31. What is the washing and drying capacity, in pounds (dry weight) per hour, of a skid-mounted laundry unit?

1. 350
2. 225
3. 150
4. 100

6-32. The washer is controlled through a complete cycle by what means?

1. By a timer with a formula chart
2. By the operator selecting each segment of the cycle
3. By a cycling timer
4. By an electronic modem

6-33. Laundry supplies are added to a washer before and during the complete cycle in which of the following ways?

1. By injection into the water as it is supplied
2. By an automatic injector
3. By an operator manually, at the beginning of the cycle only
4. By an operator manually, as required

6-34. Washing machines equipped with automatic supply injection may be operated manually by making what adjustment?

1. By rewiring the timer
2. By changing the formula chart
3. By removing the formula chart
4. By turning the formula chart to an uncut position

- 6-35. When a Milnor washer is installed, the machine should be bolted down to prevent vibration.
1. True
 2. False
- 6-36. On a Milnor washer equipped with "steam boil," you should connect the steam line to what valve?
1. Steam distribution
 2. Steam solenoid
 3. Steam control
 4. Steam injection
- 6-37. To eliminate water hammer when the inlet valves are closed, you connect the inlet valves to the water main with a short piece of rubber hose. This connection is made between the upstream side of the strainers and the
1. downstream side of the strainers
 2. outlet valves
 3. water main
 4. steam valve
- 6-38. The water inlet valve of the washer is rated to handle what maximum amount of pressure?
1. 80 psi
 2. 90 psi
 3. 100 psi
 4. 110 psi
- 6-39. What type of switch is installed so any washer can be turned off for repairs without affecting the operation of the others?
1. Quick disconnect
 2. Line disconnect
 3. Power divider
 4. Power line
- 6-40. What total number of solenoid valves are within the supply injector?
1. Five
 2. Two
 3. Three
 4. Four
- 6-41. You should drain and refill the gearbox of the washer at what interval?
1. Every 2 months
 2. Quarterly
 3. Semiannually
 4. Annually
- 6-42. Which of the following actions are performed during the annual inspection of the washer?
1. Adjusting chains and V-belts
 2. Cleaning the motor clutch assembly
 3. Examining the top and walls for cracks
 4. Checking the frame for adequacy of support
- 6-43. By what method is water removed from the material in an extractor?
1. By compression at low speed
 2. By use of a wringer only
 3. By centrifugal force to propel the water to the outer surface of the material and then to the drain
 4. By a combination of centrifugal force and wringer

- 6-44. Extractors will operate without excessive vibration if properly leveled and bolted down to a solid foundation.
1. True
 2. False
- 6-45. When an extractor is installed, what percentage of the area of the hold-down pads and rear angle should contact the grout?
1. 50%
 2. 75%
 3. 90%
 4. 100%
- 6-46. The extractor should be lubricated at what time intervals?
1. Daily
 2. Weekly
 3. Monthly
 4. Quarterly
- 6-47. What is the hourly capacity of a 42-inch tumbler?
1. 100 pounds
 2. 125 pounds
 3. 150 pounds
 4. 225 pounds
- 6-48. What size opening to the atmosphere must be provided for a 3,000-cfm tumbler?
1. 6 square feet
 2. 2 square feet
 3. 3 square feet
 4. 4 square feet
- 6-49. On steam-heated tumblers, you should maintain what minimum pressure for efficient performance?
1. 100 psi
 2. 110 psi
 3. 125 psi
 4. 150 psi
- 6-50. What is the recommended procedure for exhausting the air discharge from the tumbler to the atmosphere?
1. Individually ducted by any route
 2. Individually ducted by the shortest route
 3. Connect each tumbler to the exhaust manifold
 4. Connect each tumbler to a central exhaust blower
- 6-51. You should check and tighten wire connections to the electrical control box of a laundry tumbler at what time intervals?
1. Daily
 2. Weekly
 3. Monthly
 4. Annually
- 6-52. You should remove and clean the cylinder motor and fan motor of a laundry tumbler at what time intervals?
1. Annually
 2. Semiannually
 3. Quarterly
 4. Monthly

- 6-53. What amount of time is required for a steam generator to develop its full-rated pressure from a cold start?
1. 5 minutes
 2. 2 minutes
 3. 3 minutes
 4. 4 minutes
- 6-54. What feature on a steam generator ensures a wet tube in the generator-heating unit at all times?
1. Feedwater regulator
 2. Low-water cutoff
 3. Constant capacity pump
 4. Hot-well feedwater tank
- 6-55. The pump diaphragms of a steam generator are operated in what manner?
1. Pneumatically
 2. Electrically
 3. Hydraulically
 4. Electra-hydraulically
- 6-56. The boiler of a steam generator is equipped to bum
1. No. 1 diesel fuel
 2. No. 2 diesel fuel
 3. kerosene
 4. blended fuel oil
- 6-57. You should install what device next to the boiler connection of a steam generator to allow easy removal of parts for inspection and cleaning?
1. Rubber hose
 2. Flexible metal-clad hose
 3. Flexible hose with quick disconnects
 4. Pipe union
- 6-58. What is the minimum allowable size of flue pipe to be used on a steam generator?
1. 10 inches
 2. 11 inches
 3. 12 inches
 4. 18 inches
- 6-59. What amount of gravity feed is required with temperatures above 200°F in the hot-well tank?
1. 72 inches
 2. 76 inches
 3. 80 inches
 4. 84 inches
- 6-60. A thermostat control test should be conducted on a steam generator at what interval?
1. Every 140 hours
 2. Every 130 hours
 3. Every 110 hours
 4. Every 100 hours
- 6-61. If a heating coil is restricted, the condition will be shown by which of the following readings?
1. 5 to 10 psi above normal
 2. 10 to 15 psi above normal
 3. 20 to 25 psi above normal
 4. 30 psi or greater above normal
- 6-62. On a steam generator equipped with oil-wick lubrication, you should add oil to the reservoirs of the motors at what interval?
1. Every 180 days
 2. Every 90 days
 3. Every 45 days
 4. Every 30 days

- 6-63. The water pump crankcase in a steam generator should be changed
1. annually
 2. semiannually
 3. quarterly
 4. monthly
- 6-64. When the water pump relief valve on a steam generator is adjusted correctly, it should open at what pressure?
1. 400 psi
 2. 450 psi
 3. 500 psi
 4. 550 psi
- 6-65. Before adjusting the thermostat on a steam generator, the generator must be
1. operated with steam at minimum pressure
 2. thoroughly heated and shut down
 3. thoroughly heated and operating
 4. shut down and drained
- 6-66. What are the four basic operations that make up a washing cycle?
1. Spin, drain, agitate, and fill
 2. Agitate, rinse, drain, and spin
 3. Fill, agitate, rinse, and spin
 4. Fill, agitate, drain, and rinse
- 6-67. The timer starts running immediately once the washer is started.
1. True
 2. False
- 6-68. What basic component in the washer is known as the brain?
1. Main drive motor
 2. Transmission
 3. Water pump
 4. Timer
- 6-69. The timer motor is geared down to run at a speed of how many revolutions per hour?
1. 7/8
 2. 3/4
 3. 1/2
 4. 1/4
- 6-70. The average main drive motor in an automatic washer is what size, in horsepower?
1. 1/3
 2. 1/2
 3. 1 1/2
 4. 1 1/3
- 6-71. The hot- and cold-water lines of the automatic washer operate by what means?
1. By a solenoid
 2. By a pneumatic control
 3. By a hydraulic control
 4. By a hydro-pneumatic control
- 6-72. What component acts as a safety device on an automatic washer?
1. Timer
 2. Water-level switch
 3. Door interlock switch
 4. Temperature selector switch

6-73. When the timer of an automatic dryer is set, the drum begins to rotate at approximately how many revolutions per minute?

1. 50
2. 60
3. 70
4. 80

6-74. A dryer should NOT be exhausted into a convenient chimney.

1. True
2. False

6-75. The dryer vent should not exceed what maximum length?

1. 6 feet
2. 5 feet
3. 3 feet
4. 4 feet